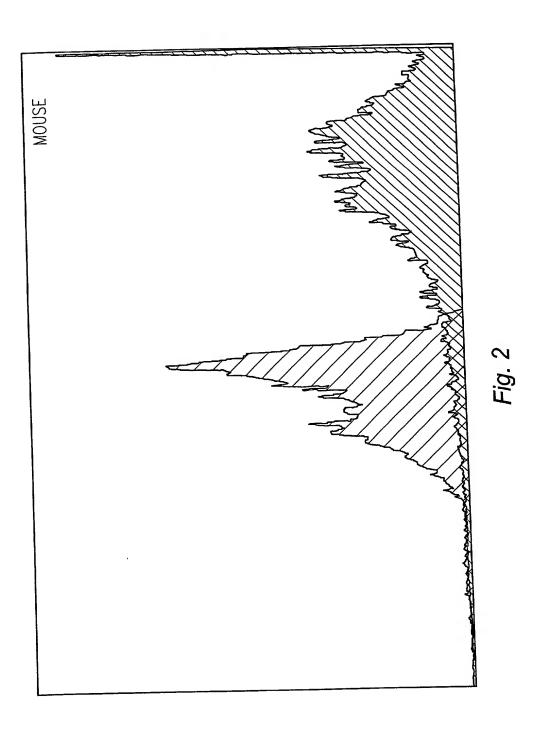
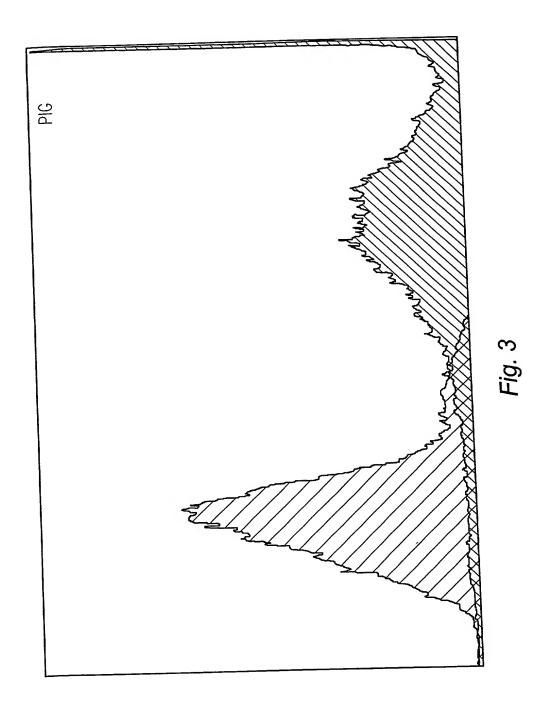
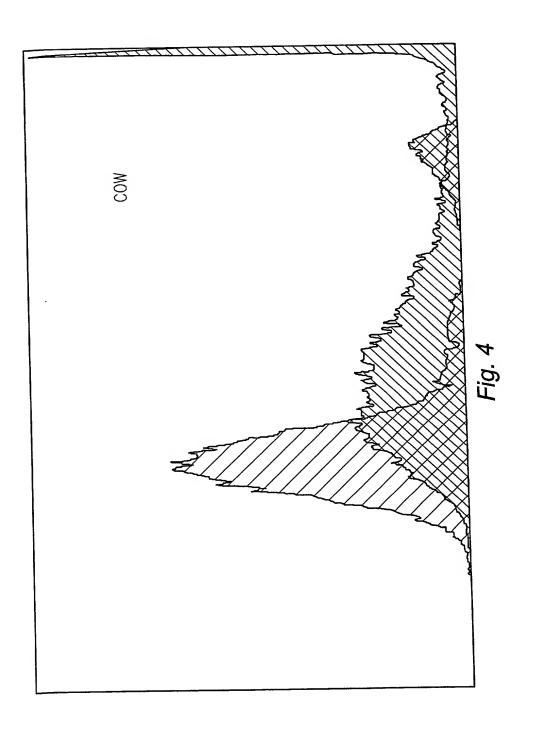
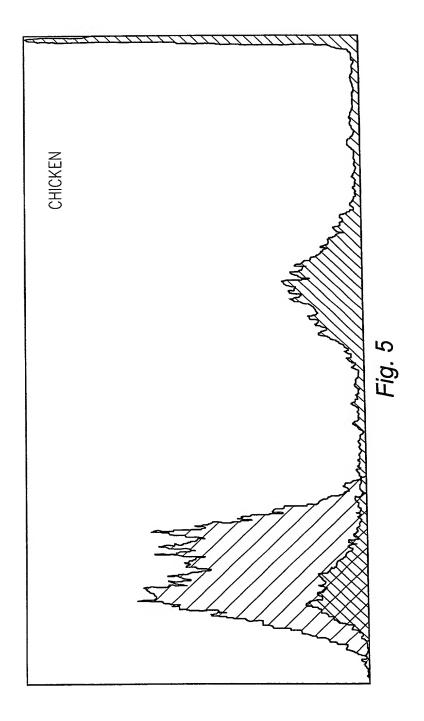


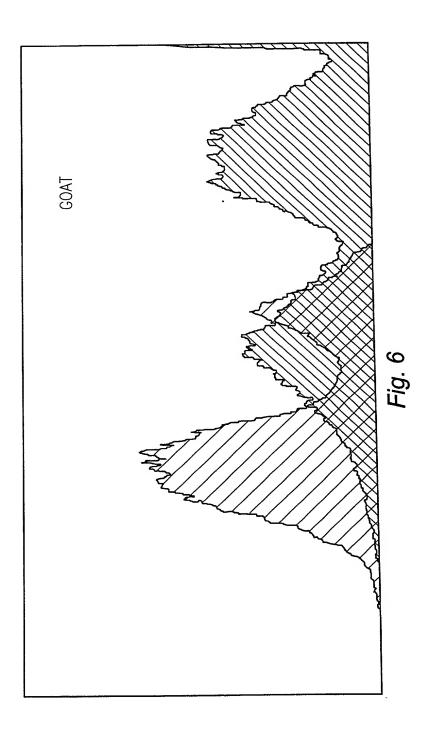
Fig.1

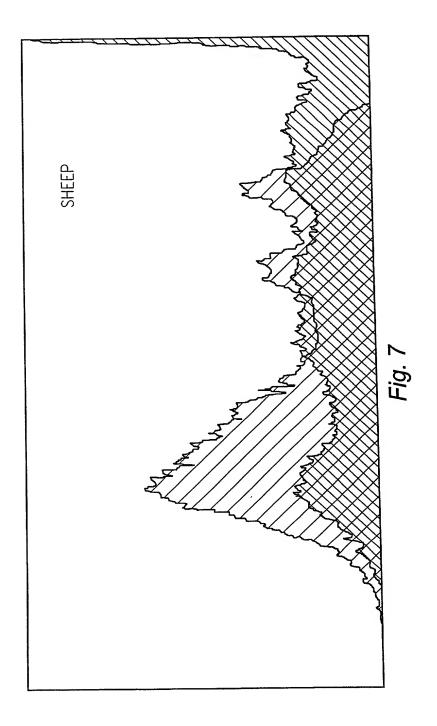












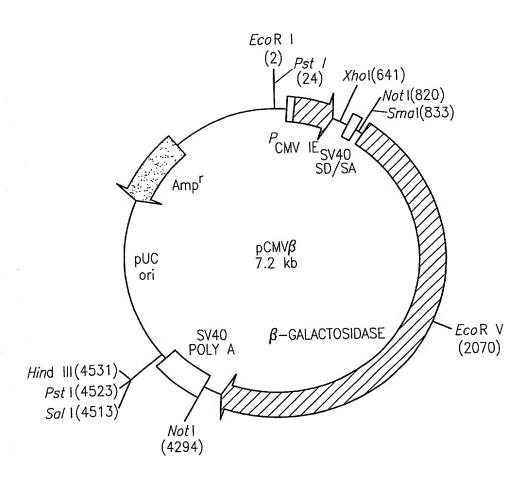
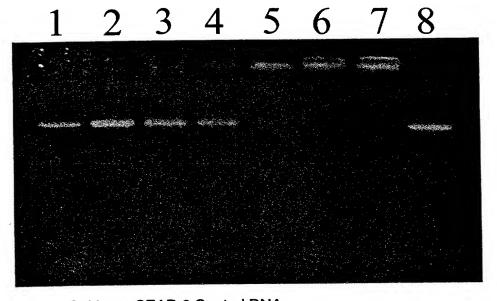


Fig. 8



lane 1: Sal I cut pSEAP-2 Control DNA

lane 2: Sal I cut pSEAP-2 Control DNA in Modified Tyrode's medium

lane 3: Sal I cut pSEAP-2 Control DNA + 0.1 μg mAb C

lane 4: Sal I cut pSEAP-2 Control DNA + 0.3 μg mAb C

lane 5: Sal I cut pSEAP-2 Control DNA + 1.0 µg mAb C

lane 6: Sal I cut pSEAP-2 Control DNA + 3.0 μg mAb C

lane 7: Sal I cut pSEAP-2 Control DNA + 10.0 µg mAb C

lane 8: Sal I cut pSEAP-2 Control DNA in Modified Tyrode's medium

Fig. 9

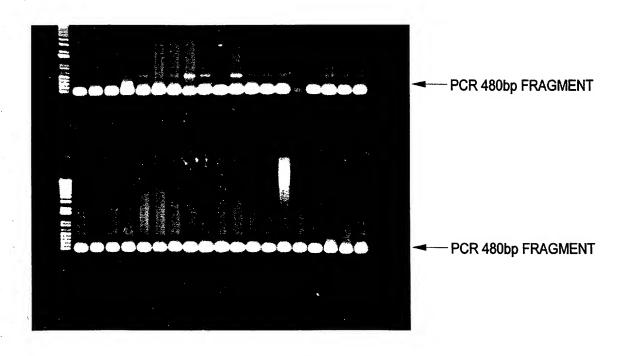


Fig. 10

### HBsAG SOUTHERN BLOT 3 DAY EXPOSURE

## 1 2 3 4 5 6 7 8 9 10 11 12 13 C1 C2 C3 C4 C5 C6 C7

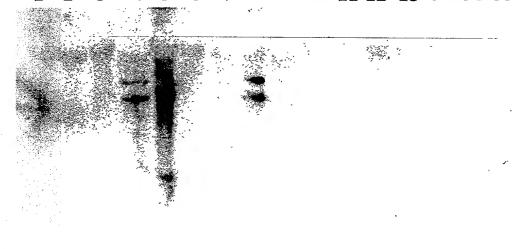


Fig. 11

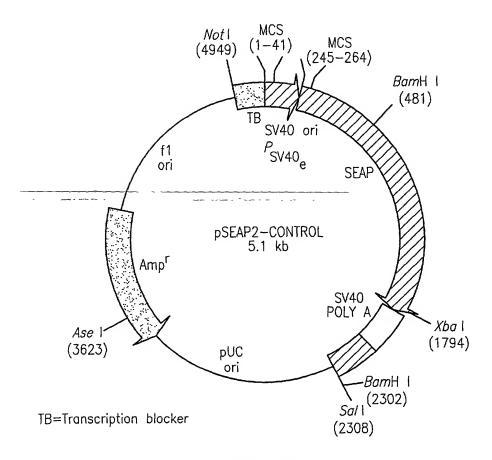


Fig. 12

### Pig Tail DNA Southern Blot

M 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 M



M 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 M 1 2 2 4 4 8 16 32 M # of Copies of Control Plasmid

Fig. 13

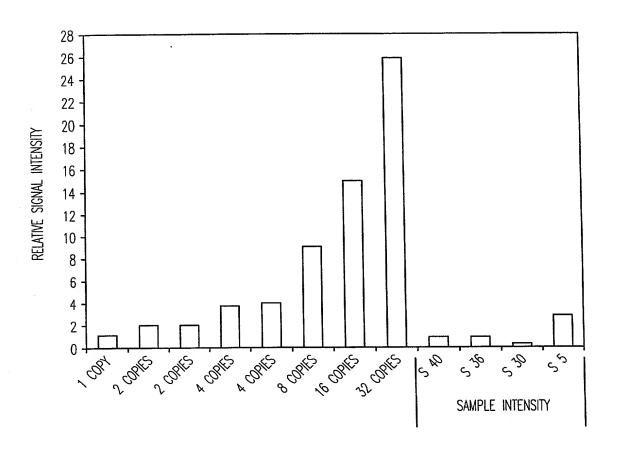
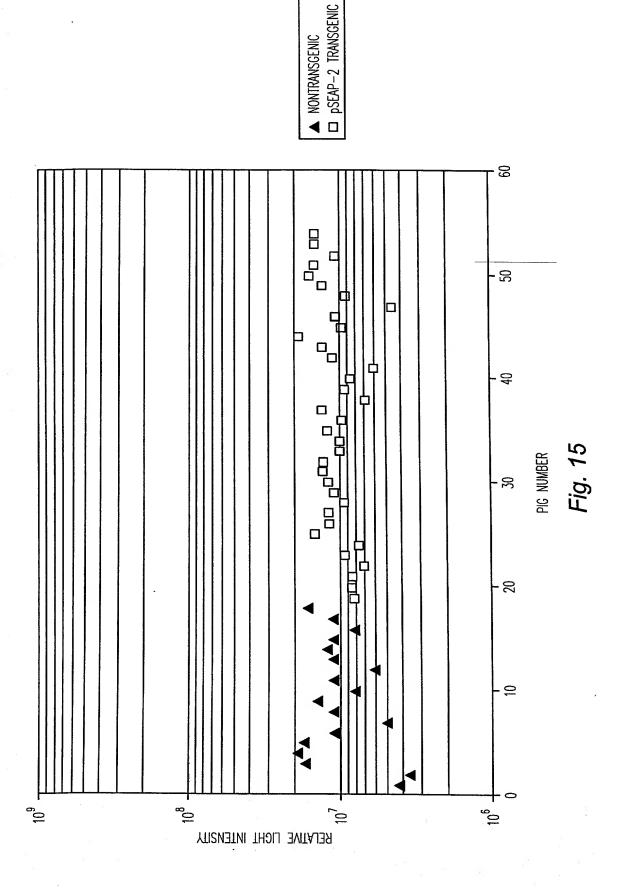
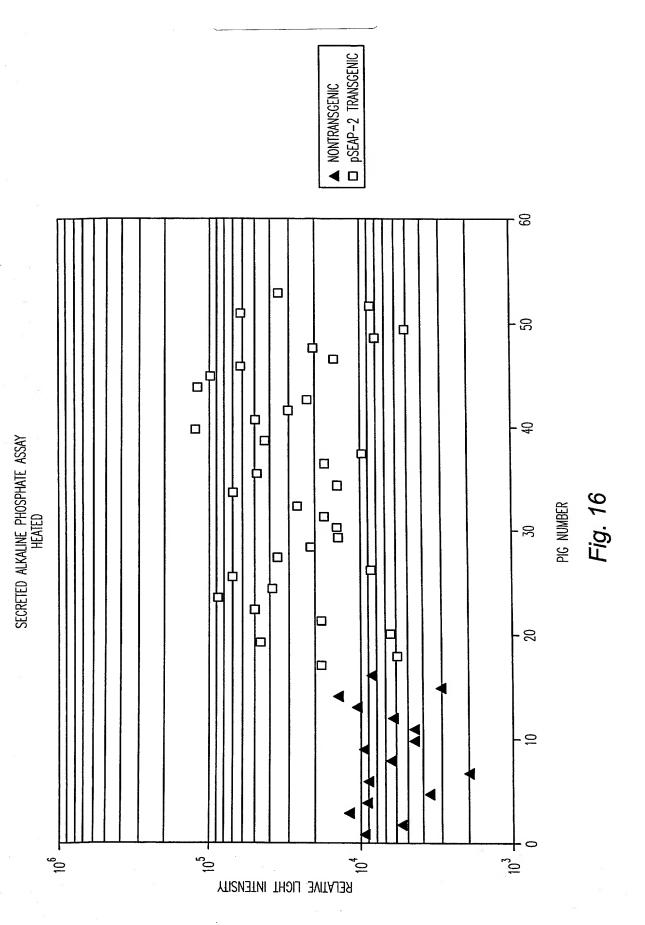


Fig. 14





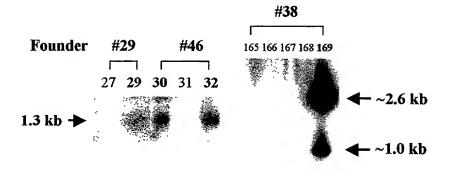
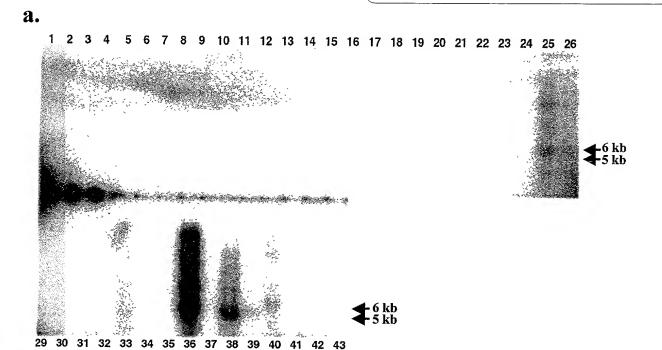
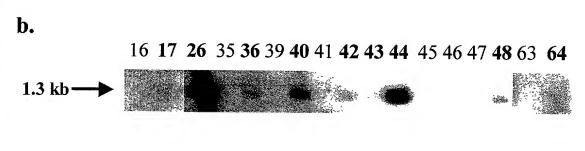


FIGURE 17







Founder #4 #42 #8 #43 #23

148 149 150 151 152 153 154 155 156 157 158 159 160 184 185 186 187 188 205 206 417 418 419

1.3 kb →

FIGURE 18

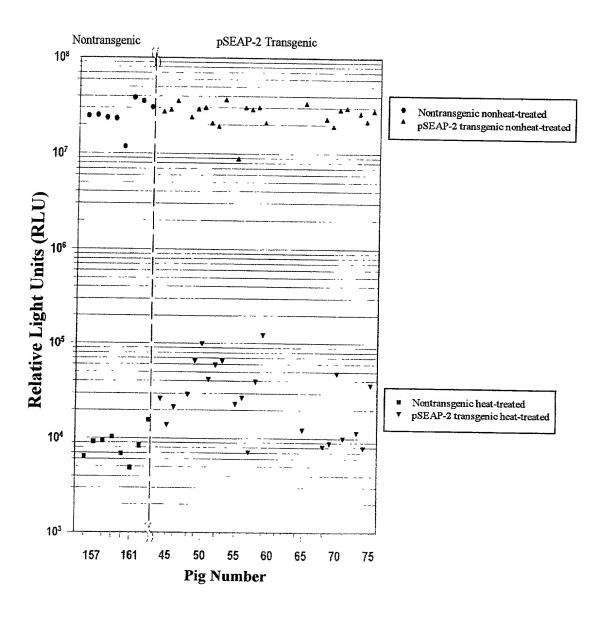
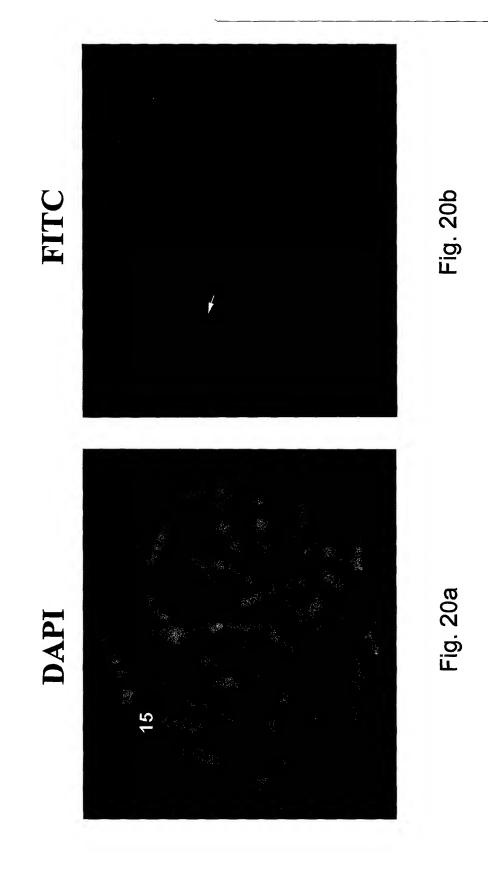


FIGURE 19



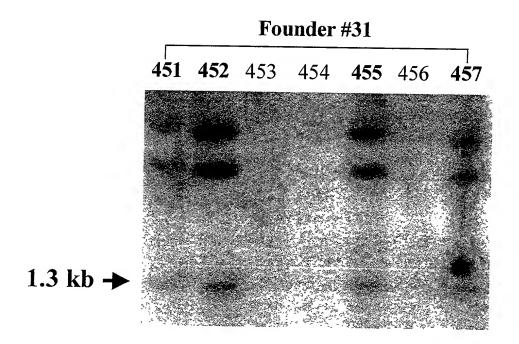
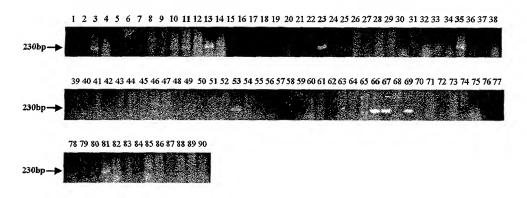


FIGURE 21

a.



b.

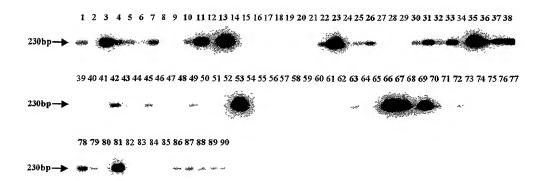
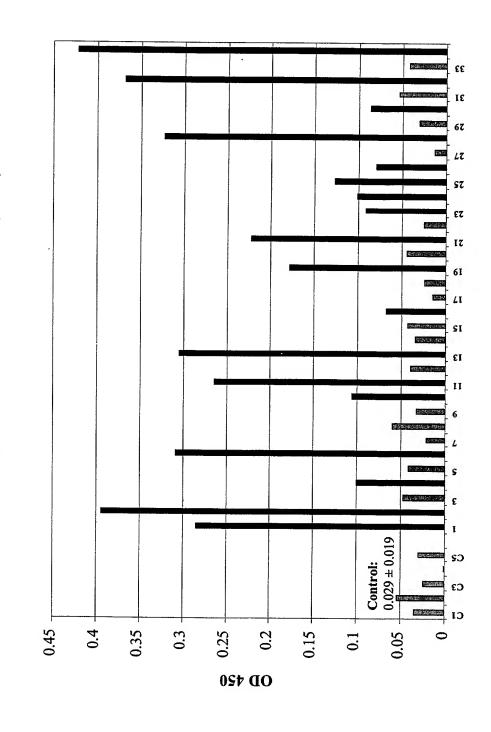


FIGURE 22

Fig. 23 Human Interferon-β Expression in Transgenic Chicken (F0)



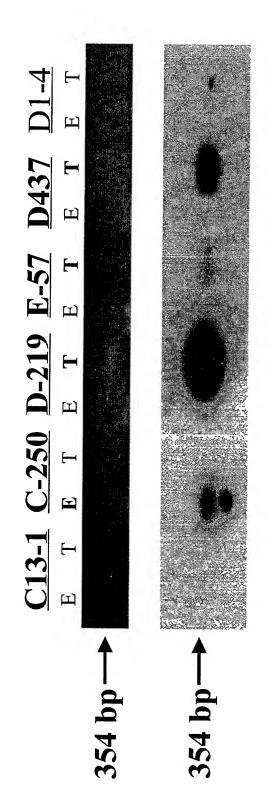


Fig. 24

## interferon-β gene and Verified by a 3<sup>rd</sup> Oligo PCR Screen of F<sub>0</sub> Goats with human

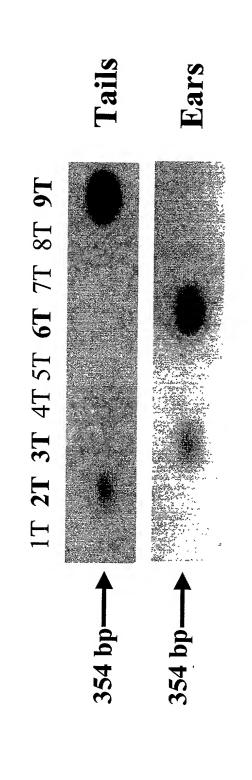
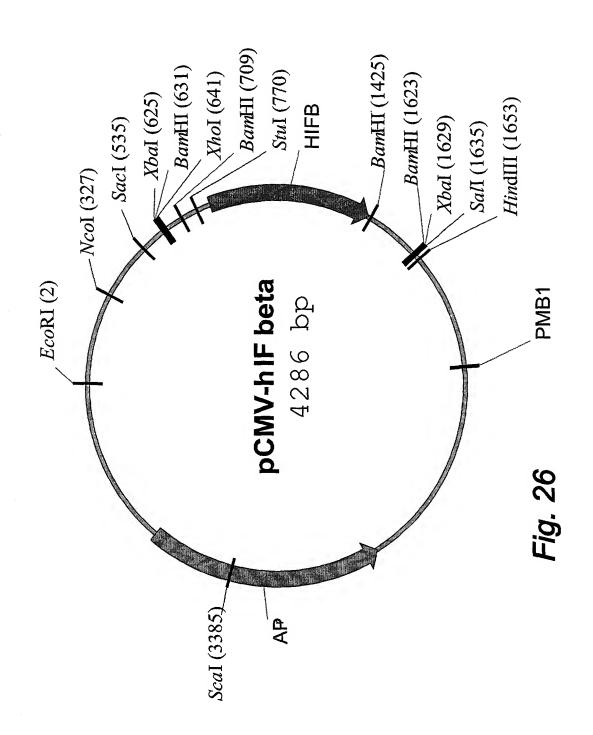


Fig. 25



# Southern Blot Analysis of F1 Generation in Pigs

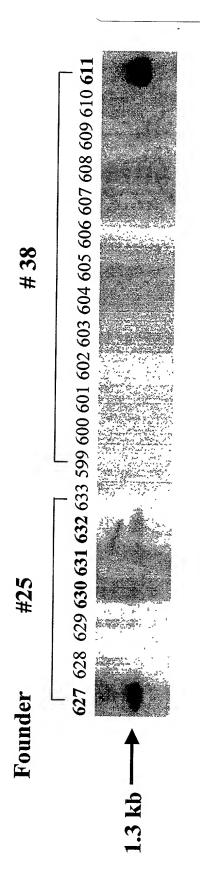


Fig. 27